

## Policy and planning related to climate change in developing countries

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# Policy and planning related to climate change in developing countries

***Launch of REPLI  
DTU Renewable Energy  
Policy, Planning and  
Integration Advice Group  
May 11, 2017***

$$f(x+\Delta x) = \sum_{i=0}^{\infty} \frac{(\Delta x)^i}{i!} f^{(i)}(x)$$

$$\Delta \int_a^b \epsilon \Theta + \Omega \int \delta e^{iz} = \{2.71828182\}$$

$$\chi^2 \gg$$

Ivan Nygaard, Senior Researcher  
UNEP DTU Partnership,  
DTU Management Engineering

# UNEP DTU Partnership



## Organisation and staff

- Centre at DTU Management Engineering
- Tripartite agreement between UNEP, DTU and Danida
- 65 economists and scientists from approx. 20 different nations
- Multi-disciplinary staff and approach

## Research based consultancy

- Methodology development
- Training and capacity building
- Coordination of large multi-country projects
- Target group: Governments and civil society
- Drawing on network of collaborating centres
- Collaboration with DTU departments



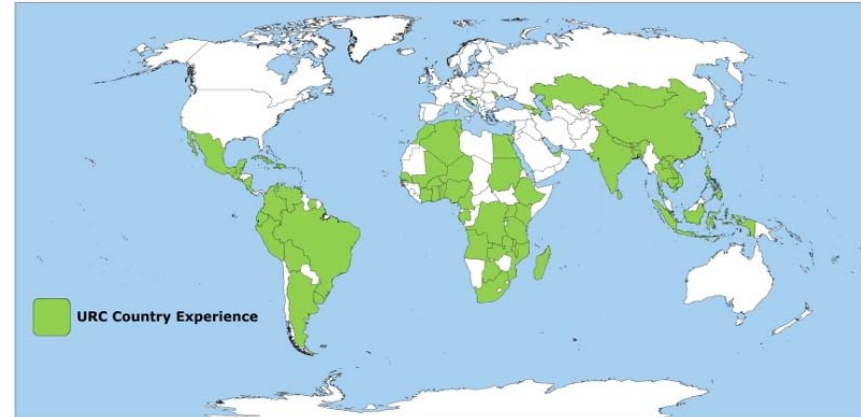
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# Major multi-country policy and planning projects



- Economics of CC mitigation studies (1990s)
- Capacity Development for CDM (from 2002 on)
- Technology Needs Assessment (from 2009)
- Support for Nationally Appropriate Mitigation Actions (NAMAs) in Developing Countries
- Support for developing Climate Action Plans (NDCs) as input to climate negotiations in Paris 2015

## UNEP DTU Country experience



# Support for developing Climate Action Plans (NDC's)



## What are the (I)NDCs?

- Nationally Determined Contributions
- Climate action plan
  - emission scenarios
  - adaptation options
  - planned policy measures

## The role of UNEP DTU

- Providing support to 32 countries in 2015
- Methodology development
- Capacity building

## What's next?

- Implementation of the NDCs
  - Planning
  - Policy measures (legal, institutional)
  - Finance
- Review of NDCs every 5 years

## DTU support to implementation

- Support to develop enabling frameworks for sustainable transitions
- Support to elaborate TNAs and NAMAs

# Developing a support scheme for rooftop PV in Morocco



## Outputs

- Analysis of experience with Feed-in Tariffs in EU (Germany, DK)
- Feasibility study of rooftop PV for various groups of customers
- Proposals for:
  - net-metering modalities in collaboration with the ministry and the distribution company
  - dedicated finance schemes for private investors in rooftop solar
  - need for information and capacity building activities
- Calculation of cost and effects

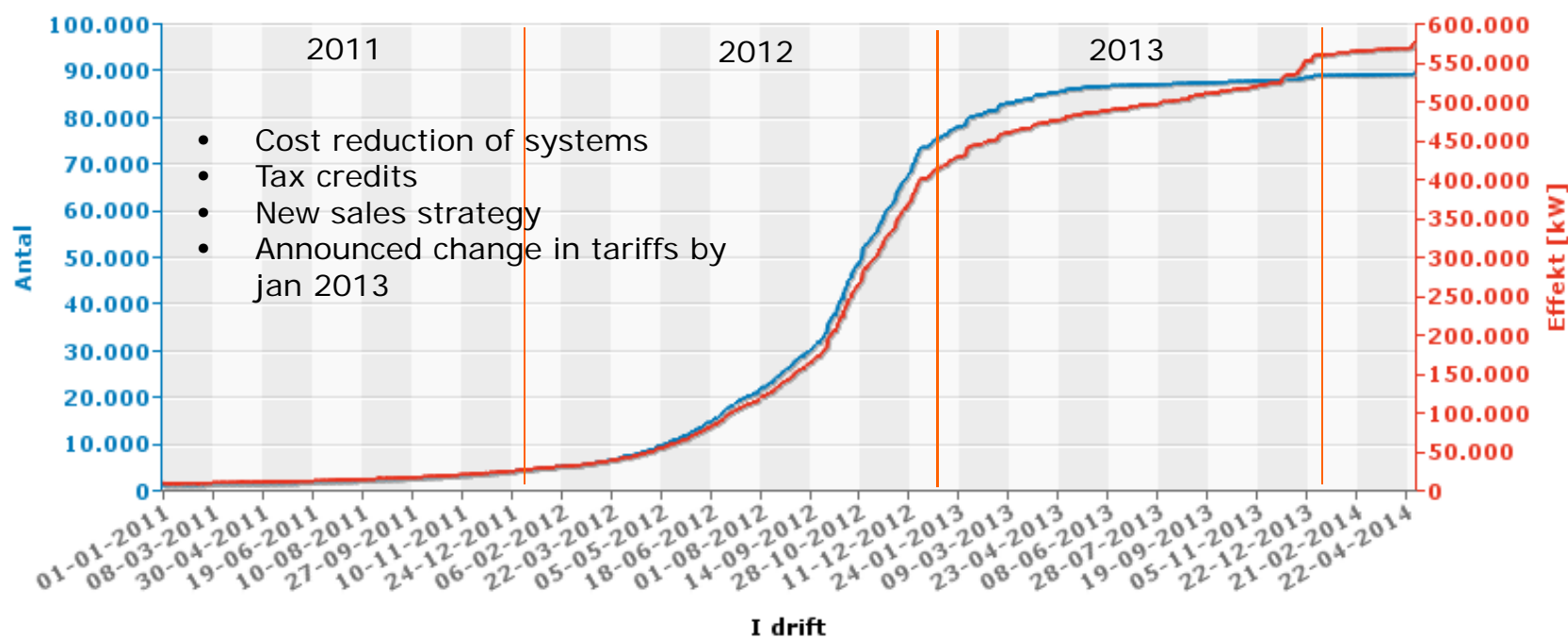
## Partners:

- Ministry of Energy, Mining, Water and Environment in Morocco
- GIZ on legal issues
- Local consultants
- Local stakeholders, such as suppliers, distribution companies and finance institutions





# Development of rooftop solar in DK



**Thanks for your attention**



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